

INSTRUCTIONS FOR USE

Carmina



WARNING

To avoid injury, always read this Instructions for Use and accompanying documents before using the product.



Mandatory to read the Instructions for Use

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Foreword

Thank you for purchasing Arjo Equipment

Your *Carmina* shower and commode chair for bariatrics is part of a series of quality products designed especially for hospitals, nursing homes and other health care use.

We are dedicated to serving your needs and providing the best products available along with training that will bring your staff maximum benefit from every Arjo product.

Please contact us if you have any questions about the operation or maintenance of your Arjo equipment.

Please read this *Instructions for Use* thoroughly!

Please read this *Instructions for Use (IFU)* in its entirety before using your *Carmina* shower and commode chair for bariatrics. Information in this *IFU* is crucial to the proper operation and maintenance of the equipment, will help protect your product, and make sure that the equipment performs to your satisfaction. Some of the information in this *IFU* is important for your safety and must be read and understood to help prevent possible injury.

Unauthorized modifications on any Arjo equipment may affect its safety. Arjo will not be held responsible for any accidents, incidents or lack of performance that occur as a result of any unauthorized modification to its products.

Serious incident

If a serious incident occurs in relation to this medical device, affecting the user, or the patient then the user or patient should report the serious incident to the medical device manufacturer or the distributor. In the European Union, the user should also report the serious incident to the Competent Authority in the member state where they are located.

Service and Support

A service routine has to be done to your *Carmina* shower and commode chair to make sure the safety and operating procedures of your product. See section *Care and Preventive Maintenance* on page 26.

If you require further information, please contact Arjo for comprehensive support and service programs to maximize the long-term safety, reliability and value of the product.

Contact Arjo for replacement parts. Contact information appears on the last page of this *IFU*.

Definitions in this *IFU*

WARNING

Means:

Safety warning. Failure to understand and obey this warning may result in injury to you or to others.

CAUTION

Means:

Failure to follow these instructions may cause damage to all or parts of the system or equipment.

NOTE

Means:

This is important information for the correct use of this system or equipment.



Means:

The name and address of the manufacturer.

Intended Use

This equipment must be used in accordance with these safety instructions. Anyone using this equipment must also have read and understood the instructions in this *Instructions for Use (IFU)*.

If there is anything you do not completely understand, ask your Arjo representative.

Intended use Carmina

The Carmina shower and commode chair is intended for hygiene care of hospital or nursing home adult bariatric residents. It is intended to be used during showering and toileting and to MOVE RESIDENTS to and from shower and toileting.

Residents shall be supervised by trained nursing staff and use shall be in accordance with the instructions outlined in the Instruction for Use.

All other uses must be avoided.

Intended use Carmina Basic

The Carmina shower and commode chair is intended for hygiene care of hospital or nursing home adult bariatric residents. It is designed for STATIONARY USE only during showering and toileting of residents.

Residents shall be supervised by trained nursing staff and use shall be in accordance with the instructions outlined in the Instruction for Use.

All other uses must be avoided.

The shower and commode chair should only be used for the purpose specified in this Instruction for Use. Any other use is prohibited.

Resident Assessment

We recommend that facilities establish regular assessment routines.

Caregivers should assess each resident according to the following criteria prior to use:

- The resident needs to be able to sit in an upright position, normally defined as active or semi-active.
- The resident's weight shall not exceed 320 kg / 705 lbs.
- The resident shall understand and respond to instructions.
- The resident's length must be in the range of 148 and 190 cm (58 1/4" - 74 3/4").

If the resident does not meet these criteria an alternative equipment/system shall be used.

Installation & Service Requirements

The expected life of this equipment, unless otherwise stated, is ten (10) years, subject to preventive maintenance being carried out in accordance with the instructions for *Care and Preventive Maintenance on page 26*.

NOTE

Modifications made to the equipment without expressed consent of Arjo will invalidate the supplier's product liability.

Safety Instructions

WARNING

Transport of patients is not allowed in *Carmina basic* because moving a chair without footrest can cause that patient's feet may be pinched or wheels to roll over patient's feet and cause injury.

WARNING

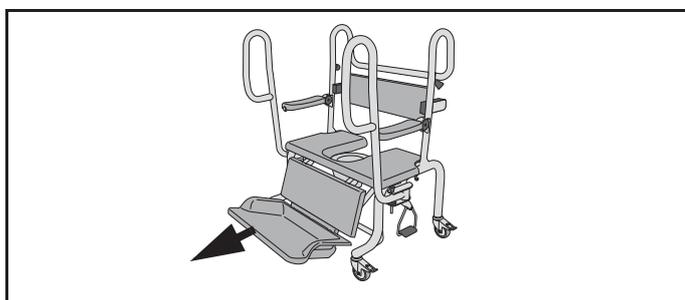
Do not overload the *Carmina*. If you do, the chair may break and the patient may be seriously injured.

Preparations

Site Preparations

To avoid the possibility of injury always make sure that:

- the equipment is used by appropriately trained staff.
- the patient's hands are resting in the lap during transportation.
- the *Carmina* shower and commode chair is moved with care, especially in narrow passages and over uneven surfaces.
- the directions of driving during transportation is according to the illustration below.

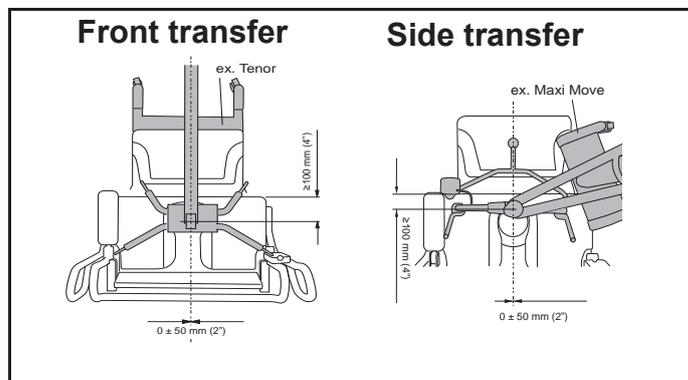


- the castors and brakes work freely.
- the castors of the bed or other device are locked when transferring a patient to/from the *Carmina* shower and commode chair.
- if there is a drain cover in the area where the chair is manoeuvred, the drain cover must be smooth and set level with the floor.
- the slope of the floor does not exceed the ratio 1:50.
- transportation of patients is carried out only on hard floors.

NOTE

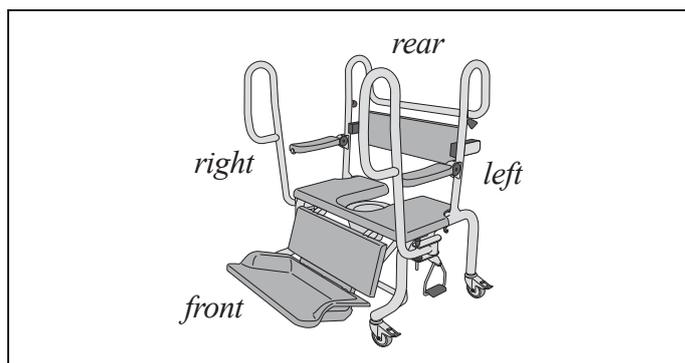
If you have any questions, please contact your local Arjo representative for support and service. The contact numbers appear on the last page of this IFU.

To safely lower a patient using a passive lift together with the *Carmina* shower and commode chair the units must be placed according to the illustrations (top view) below.



Directions of the *Carmina* shower and commode chair

The directions *right*, *left*, *front* and *rear* in this manual are given as below.

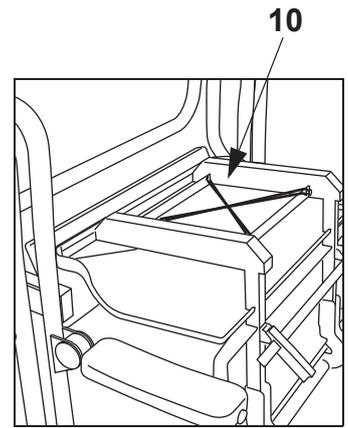
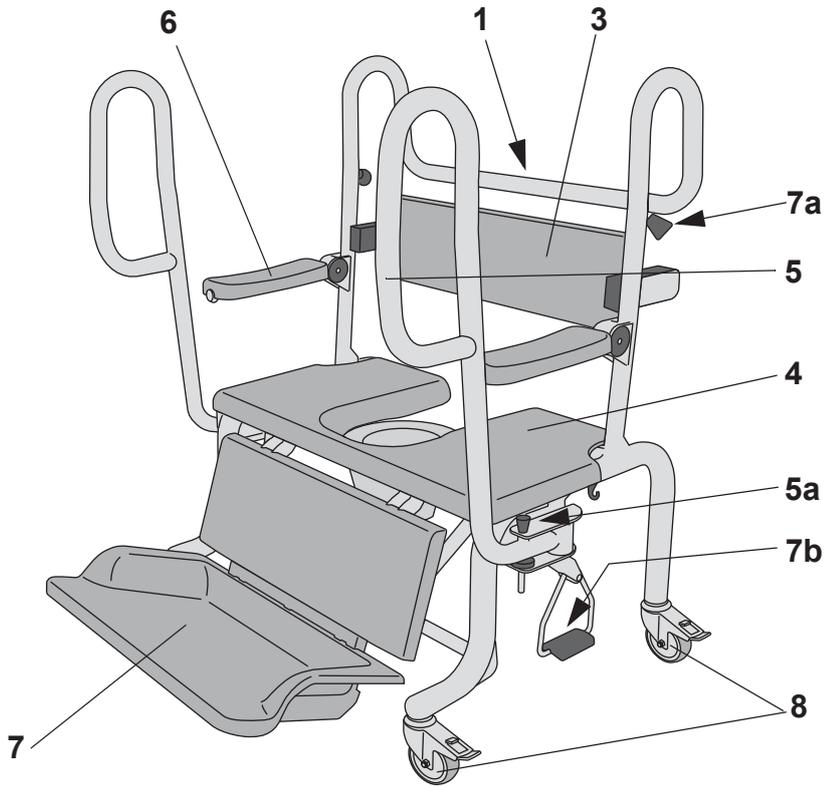


Parts Designation

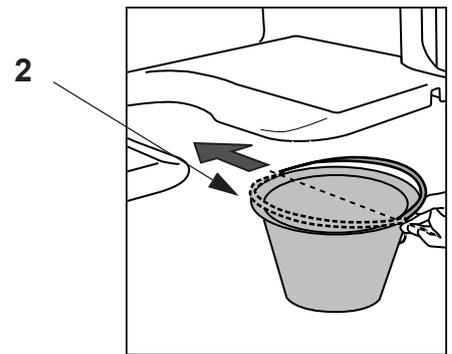
- 1 Push bar
- 2 Commode container with holder
- 3 Adjustable back rest
- 4 Tilttable seat
- 5 Push poles*
 - 5a. Locking/release mechanism for push poles
- 6 Arm rests
- 7 Foot rest*
 - 7a. Safety release mechanism for lowering of footrest
 - 7b. Pedals for footrest manoeuvring
- 8 Castors
- 9 Anti-swivelling guide (*only on Carmina Basic*)
- 10 Strap to secure the footrest during storage/transport of the chair*

** Parts of the product NOT included on Carmina Basic.*

Carmina



Carmina basic



Product Description/Functions

Fig. 1



Push Bar

In order to get the correct position for the carer to push (manoeuvre) the chair.

A full-length push bar is integrated (located) at the rear of the chair with enough room for multiple gripping positions from more than one caregiver. (See Fig. 1 and 2)

Fig. 2



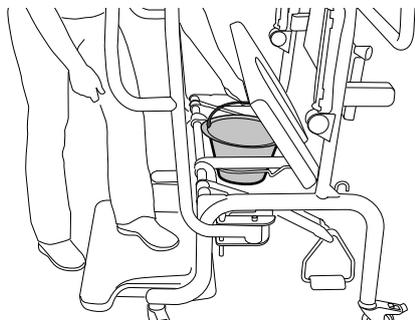
Commode Container with Holder

The container can be applied by raising the seat upwards and lowering the commode container into position.

Alternatively, it can also be placed in position from the back under the seat.

(See Fig. 3 and 4)

Fig. 3



WARNING

To make sure that the genitals of the patient not get pinched between the seat and container, make sure that:

- the container is correctly placed (i.e. fully pushed in to the holder).
- the patient sits centred over the opening in the seat.

The holder is articulated to move freely over the toilet.

NOTE

Place the commode container with the sockets of the handle vertical to the seat. (See Fig. 4)

Fig. 4

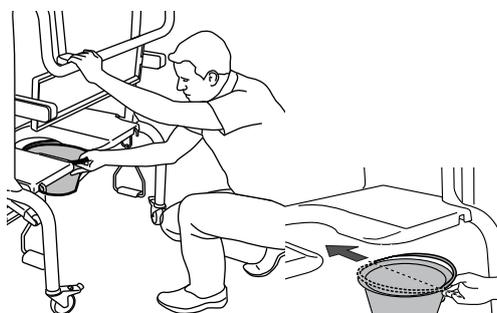
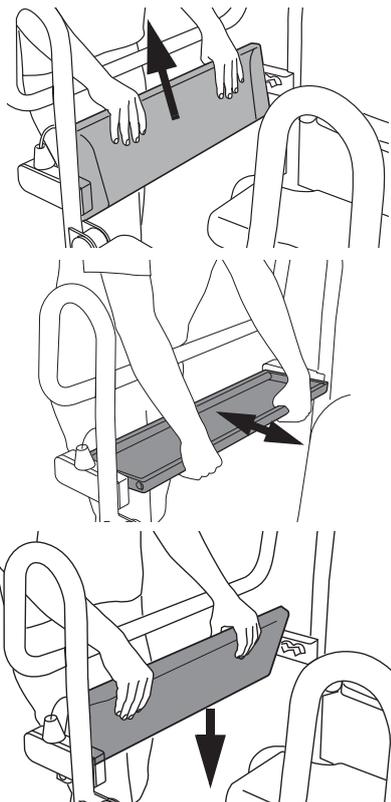


Fig. 5



Adjustable Back Rest

Adjustable into four different positions to provide additional support for different size patients.

Place in a suitable position before placing the patient.

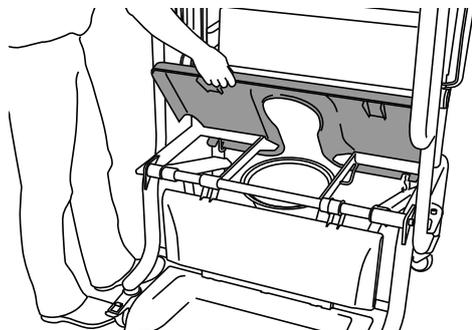
The larger the patient, the further back the back rest should be placed.

The angle of the back rest adjusts itself for the patient. (See Fig. 5)

WARNING

Do not let the patient use the back rest for support during transfer to/from the chair. The back rest is movable and the patient may fall if using the back rest as a support.

Fig. 6



Tiltable Seat

The seat has a comfortable design and can be folded up for cleaning/disinfection and access to the commode container.

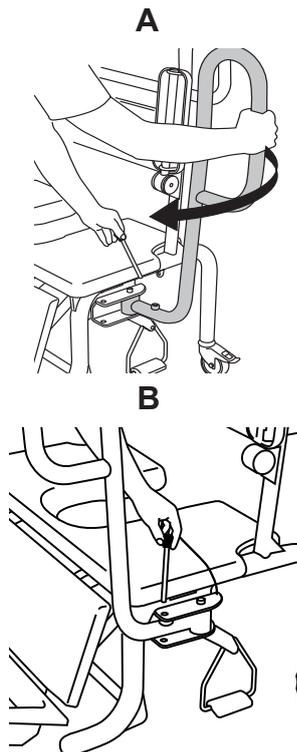
To fold up, grip the seat and pull up.

The seat can then be kept in position by placing it in the support grooves. (See Fig. 6)

WARNING

Do not put seat on frame without making sure it is properly placed on the frame. Patient may fall if seat is not properly placed.

Fig. 7



Push Poles (only Carmina shower and commode chair)

When placed at the front of the chair, the push poles enable easier manoeuvring for nursing staff, especially through doorways and to/from toilet.

In this position they can also be used by the patient for support when sitting down/standing up.

The push poles can be swung away when not in use, ensuring complete access to the patient for general nursing procedures. The push poles can also be placed in the back position for easier side transfers.

Procedure for locking of the poles

(3 steps)

- 1 Remove the pin. (See Fig. 7A)
- 2 Swing the push pole into its front position. (See Fig. 7A)
- 3 Put the pin in the hole until it is fully inserted. (See Fig. 7B).

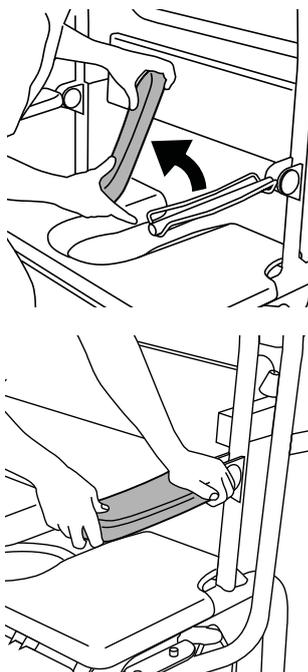
WARNING

Never use push poles in front position without locking them. If not locked, they can move away unexpectedly when used for support and cause patient to fall.

WARNING

Avoid having the patient's hands anywhere else but on the armrest when swiveling the push poles. If hands get between the frame and moving parts they may be pinched and injured.

Fig. 8



Armrests

Provide support to the patient's arms when sitting in the chair.

Can be folded up to allow caregiver access for hygiene or for easier patient side transfers.

WARNING

Never pull the armrests. If the patient do so, the plastic cover can snap off and the patient may fall.

Removing and assembling of the plastic covers should only be done during cleaning and never when the patient is in the chair. (See Fig. 8)

Footrest (only Carmina shower and commode chair)

When flat to the floor:

- Possible for the patient to stand on when entering/exiting the chair.
- Acts as a brake when resting on the floor.

An elevated footrest position provides a comfortable sitting position, lift access, and enables safe transportation to shower room/toilet.

Elevating the footrest

- Press the pedal towards the floor. (See Fig. 9A)
The footrest will lock into position.

To lower the footrest

(2 steps)

- 1 Press the pedal all the way to the floor. With the pedal in this position, pull the knob of the safety release mechanism (See Fig. 9B), which will release the locked position of the footrest.
- 2 Gently bring the pedal up to the starting position.

WARNING

Never lower the footrest with anyone's feet under it. Feet may be pinched between footrest and floor.

WARNING

Never use the footrest as a step when it is in the elevated position. If doing so, the chair and patient will fall over and seriously injure him/herself.

Anti-Swivelling Guides (only Carmina Basic shower and commode chair)

When smaller corrections have to be done in positioning of the chair, apply the guides to eliminate the risk of getting the patient's feet jammed between the castor and the frame.

- Apply guide (See Fig. 10A)
- Release guide (See Fig. 10B)

Apply the guides before the patient is in the chair.

WARNING

Never move the chair with patient in it without applying the anti-swivelling guides. Moving the chair without guides engaged can cause wheels to roll over patient's feet and cause injury.

Fig. 9

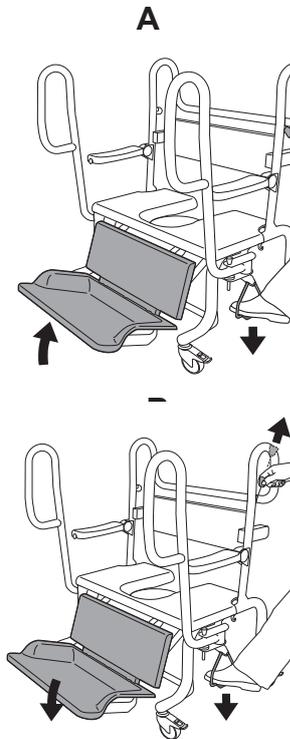


Fig. 10

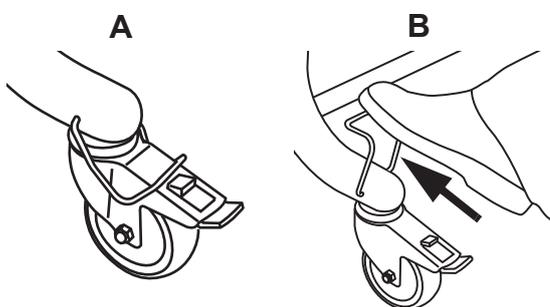
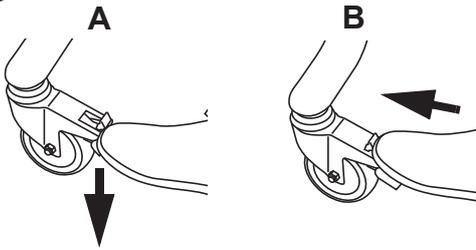


Fig. 11



Castors

The *Carmina* shower and commode chair is equipped with four individual braked castors.

- Apply the castor brakes. (See Fig. 11A)
- Release the castor brakes. (See Fig. 11B)

Storage and Product Transportation (only *Carmina* shower and commode chair) (5 steps)

In order to provide easier access through doorways when the patient is not in the chair, the footrest can be folded away.

- 1 Apply the castor brakes. (See Fig. 12)
- 2 Elevate the footrest. (See Fig. 13)
- 3 Lift the footrest all the way up. (See Fig. 14)
- 4 Fasten the safety strap. (See Fig. 15)
- 5 Attach both pedals to the plastic hooks. (See Fig. 16)

Fig. 12

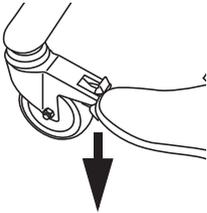


Fig. 13

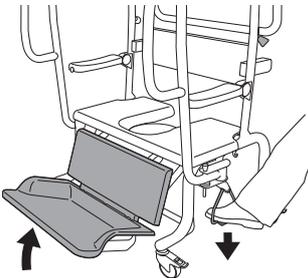


Fig. 14

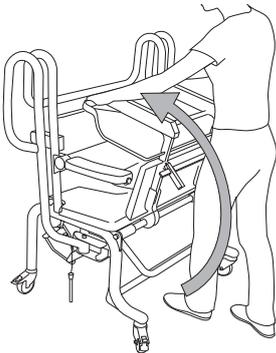


Fig. 15

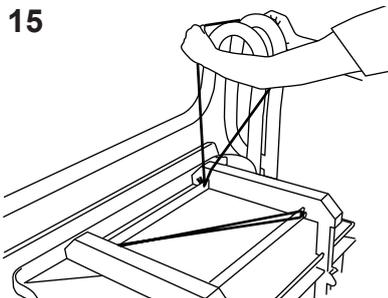
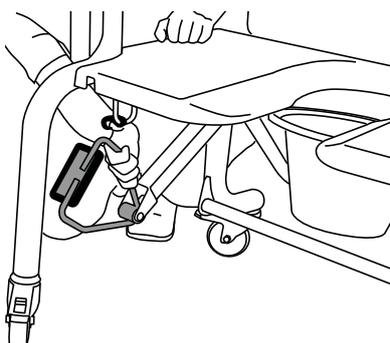


Fig. 16



Entering the Chair

Fig. 1

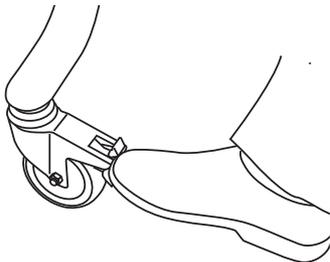


Fig. 2

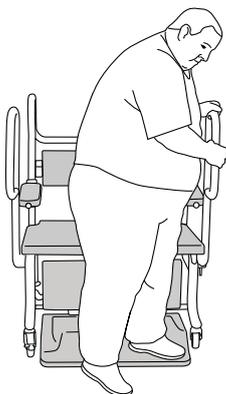


Fig. 3

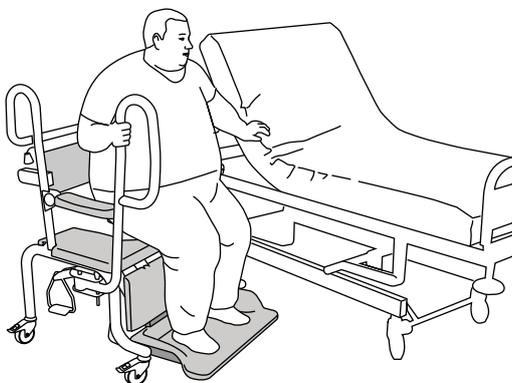


Fig. 4



User Category

Independent patients:

- Mobile patient, walking
- Pivot transfer, from bed/wheelchair

Dependent patients:

- With mobile lifter (i.e. *Tenor, MaxiMove*)
- With ceiling lift

Independent Patients

From a standing position

(8 steps)

- 1 Make sure that the footrest is flush to the floor
- 2 Apply brakes. (See Fig. 1)
- 3 Make sure push poles are swung out and locked into the front position.
- 4 Make sure that the armrests are in down position for support when seated.
- 5 Let the patient hold onto the push poles for support. (See Fig. 2)

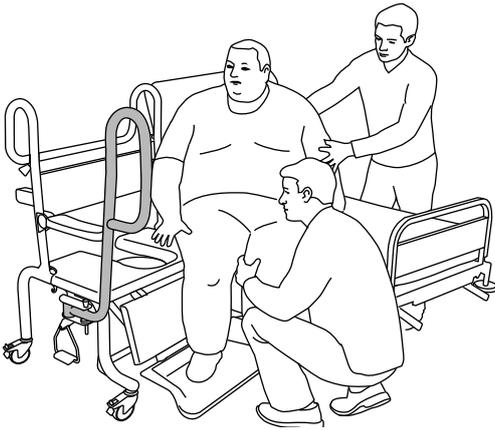
6 **WARNING**

Never use the footrest as a step when it is in the elevated position. If doing so, the chair and patient will fall over and seriously injure him/herself.

Let patient sit down and position. (See Fig. 3)

- 7 Raise the footrest to the elevated position to enable transportation of the patient
- 8 Transport the patient to the shower or toilet. (See Fig. 4)

Fig. 5



Side transfer from wheelchair/bed

For the patient to be able to move from a wheelchair/bed without lifting aids, the individual must be strong enough to move him/herself sideways and/or be able to stand up.

Pivot transfer

(6 steps)

- 1 Lock the push pole (the one which is furthest away from the patient) into the front position. **(See Fig. 5)**
- 2 Raise the armrest and swing back the push pole, located closest to the patient (if applicable).
- 3 Apply the castor brakes. **(See Fig. 6)**
- 4 Make sure that the patient's feet are on the floor or on the lowered footrest. **(See Fig. 7)**
- 5 Stand the patient up.
- 6 Pivot and let the patient sit down with help of the push poles. **(See Fig. 8)**

Fig. 6

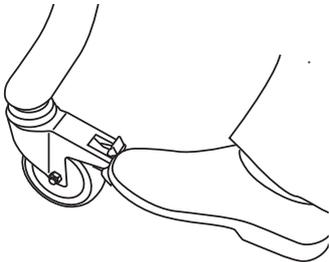
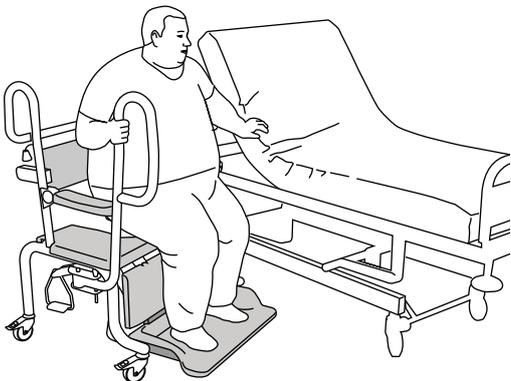


Fig. 7



Independent Patients (Carmina Basic shower and commode chair)

From a standing position

(3 steps)

- 1 Apply brakes and the anti-swivelling guides.
- 2 Make sure armrests are in down position for support when seated.
- 3 Let patient sit down and position him/herself comfortably.

Fig. 8

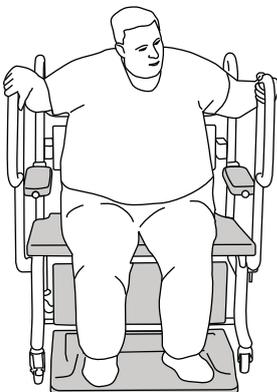


Fig. 9



Dependent Patients

From the bed to the Carmina shower and commode chair using a ceiling lift

(6 steps)

(See Fig. 9)

Follow the separate operating instructions for the ceiling lift.

- 1 Prepare the chair by lifting up the footrest using the pedal.
- 2 Place the *Carmina* shower and commode chair under the ceiling lift with the patient in the sling.
- 3 Apply the castor brakes.
- 4 Lower the sling with the patient until he/she reaches the seat of the chair.
- 5 Unhook the sling.
- 6 Transfer the patient to the shower or toilet.

From a passive lift to the Carmina shower and commode chair (front transfer)

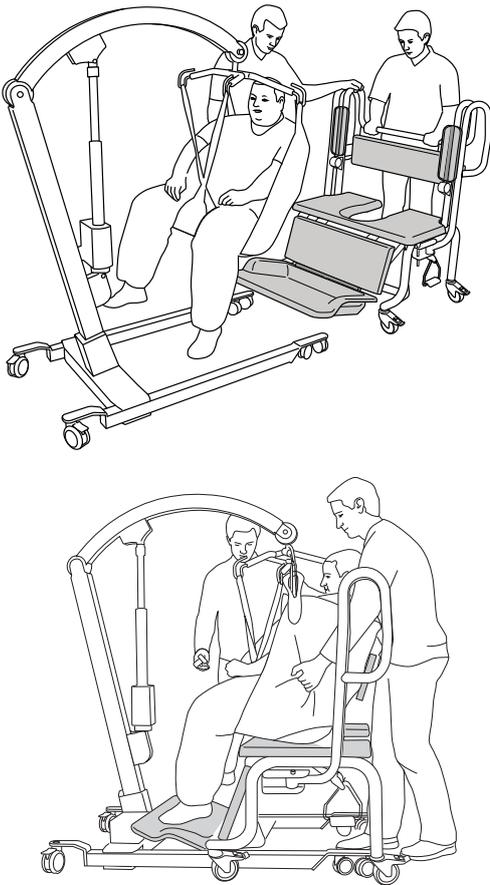
(12 steps)

(See Fig. 10)

Follow the separate operating instructions regarding the passive lift (Tenor).

- 1 Make sure that the push poles are placed in the back position (away from the patient area).
- 2 Make sure that the armrests are in the raised position.
- 3 Raise the footrest to the up position to enable the legs of the lift to go underneath. The legs should be in their most closed position.
- 4 Place the lift with the patient as close as possible to the *Carmina* shower and commode chair.
- 5 Move the chair, not the lift, when inserting the legs of the lift through the front of the chair under the footrest. Make sure the patient is directly over the seat of the *Carmina* shower and commode chair.
- 6 Apply the brakes on the *Carmina* shower and commode chair.
- 7 Lower the lift until the patient reaches the seat.
- 8 Unhook the sling.

Fig. 10



Continue with the steps on the next page.

- 9 Remove the passive lift.
- 10 Lower armrests. Make sure that the patient can stabilize him/herself.
- 11 Place push poles in the front position and make sure they are locked.
- 12 Transport the patient to the shower or toilet.

From a passive lift to the Carmina shower and commode chair (side transfer)

(12 steps)

(See Fig. 11)

Follow the separate operating instructions regarding the passive lift (Maxi Move).

- 1 Make sure that the push poles are placed to the back position (away from the patient area).
- 2 Make sure that the armrests are in the raised position.
- 3 Place the lift with the patient as close as possible to the *Carmina* shower and commode chair.
- 4 Raise the footrest to the up position to enable the legs of the lift to go underneath. The legs should be in their most open position.
- 5 Move the chair over the legs of the lift, without moving the lift, through the side of the chair. Make sure the patient is directly over the seat of the *Carmina* shower and commode chair.
- 6 Apply the castor brakes.
- 7 Lower the lift until the patient is fully supported by the seat of the chair.
- 8 Unhook the sling.
- 9 Remove the passive lift.
- 10 Lower armrests. Make sure that the patient can stabilize him/herself.
- 11 Place push poles to front position and make sure they are locked.
- 12 Transport the patient to the shower or toilet.

Fig. 11

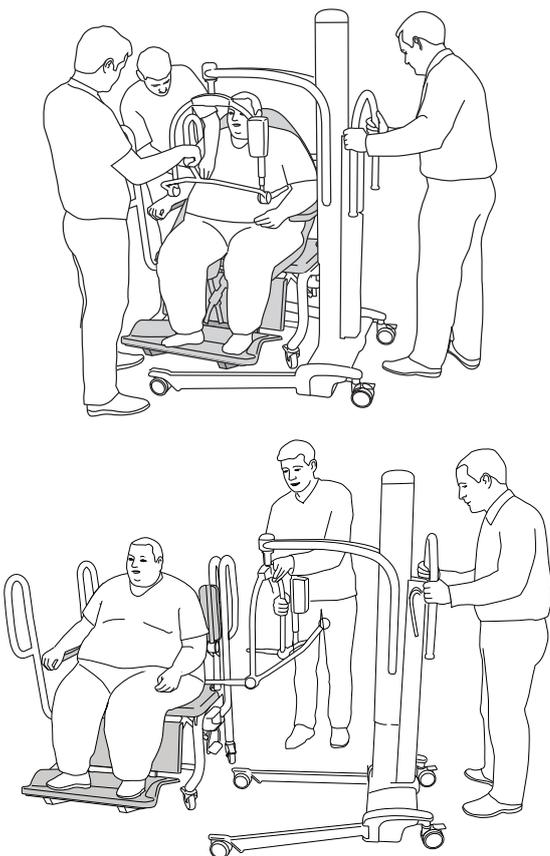
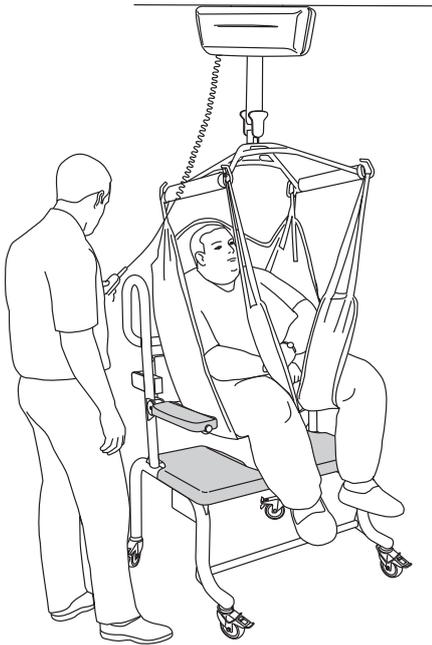


Fig. 12



Dependent Patients (Carmina Basic shower and commode chair)

From the bed to the *Carmina Basic* shower and commode chair using a ceiling lift

(4 steps)

(See Fig. 12)

Follow the separate operating instructions regarding the ceiling lift.

- 1 Place the *Carmina Basic* shower and commode chair under the ceiling lift with the patient in the sling.
- 2 Apply castor brakes and the anti-swivelling guides.
- 3 Lower the sling with the patient until the patient is fully supported by the seat of the chair.
- 4 Unhook the sling.

From a passive lift to the *Carmina Basic* shower and commode chair (front transfer)

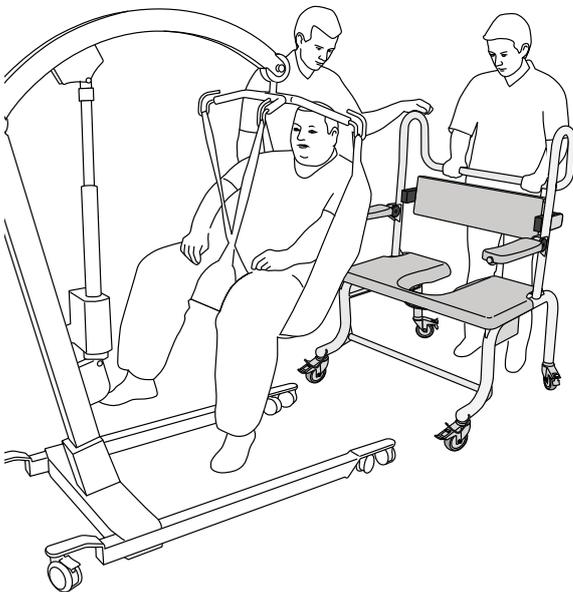
(7 steps)

(See Fig. 13)

Follow the separate operating instructions regarding the actual lift (Tenor).

- 1 Make sure that the armrests are in the raised position.
- 2 Move the chair, not the lift, when inserting the legs of the lift through the front of the chair. Make sure the patient is directly over the seat of the *Carmina Basic* shower and commode chair.
- 3 Apply castor brakes and the anti-swivelling guides on the *Carmina Basic* shower and commode chair.
- 4 Lower the lift until the patient is fully supported by the seat.
- 5 Unhook the sling.
- 6 Remove the passive lift.
- 7 Lower armrests. Make sure that the patient can stabilize him/herself.

Fig. 13



Transport the Patient

WARNING

Transport of patients is not allowed in *Carmina Basic* shower and commode chair because moving a chair without footrest can cause that patient's feet may be pinched or wheels to roll over patient's feet and cause injury.

The *Carmina* shower and commode chair is pushed from the rear by multiple nursing staff members, using the full width push bar and with the patients feet on the raised footrest. (See Fig. 1)

WARNING

Never leave the patient unattended. There is a risk of injury if the patient wants to leave the chair using the footrest as a step as it is in elevated position.

WARNING

When transporting the patient in *Carmina* shower and commode chair, the patient's hands shall be resting in the lap. This is to avoid the patient's hands to get pinched against doorposts.

Fig. 1



Shower the Patient

(8 Steps)

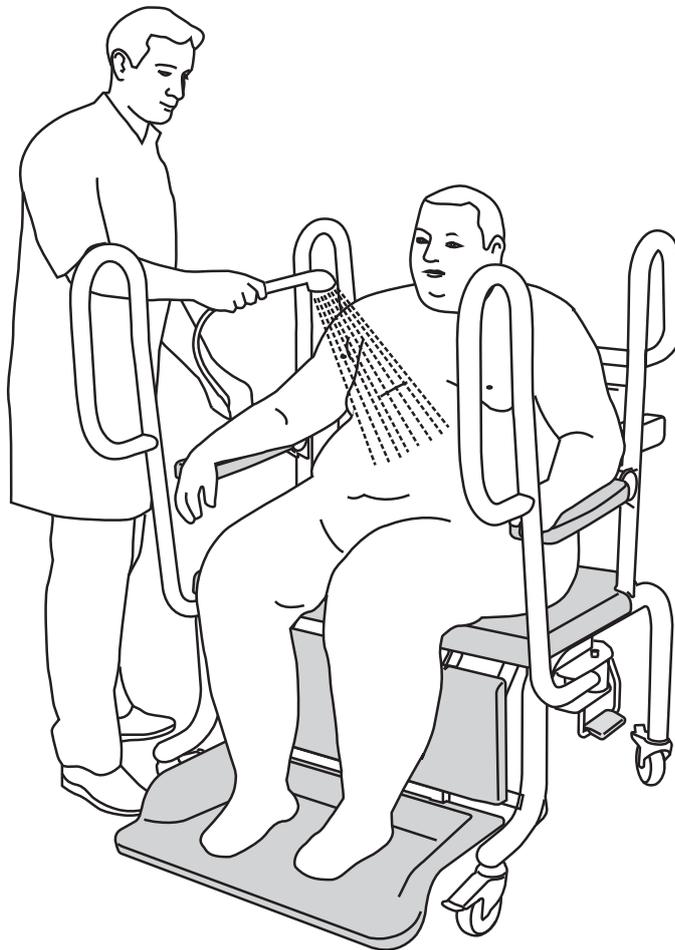
WARNING

If the assessment of the patient permits independent showering, make sure that the footrest (if applicable) is lowered to the floor before the patient is left alone.

(See Fig. 1)

- 1 Place the *Carmina* shower and commode chair with the patient in the shower room.
- 2 Apply the castor brakes.
- 3 Place the push poles to the back position, away from the patient area (if applicable).
- 4 Raise the armrests away from patient.
- 5 Undress the patient.
- 6 Lower armrest for improved comfort and stability for the patient.
- 7 Wash and shower the patient in this position.
- 8 Dry and dress the patient.

Fig. 1



At the toilet

Fig. 1

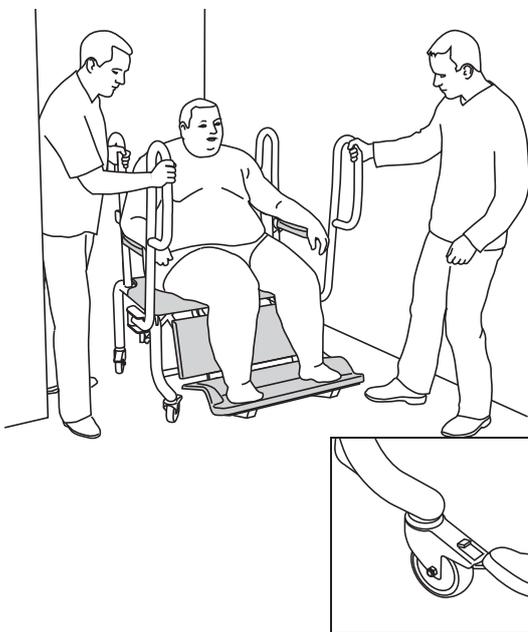
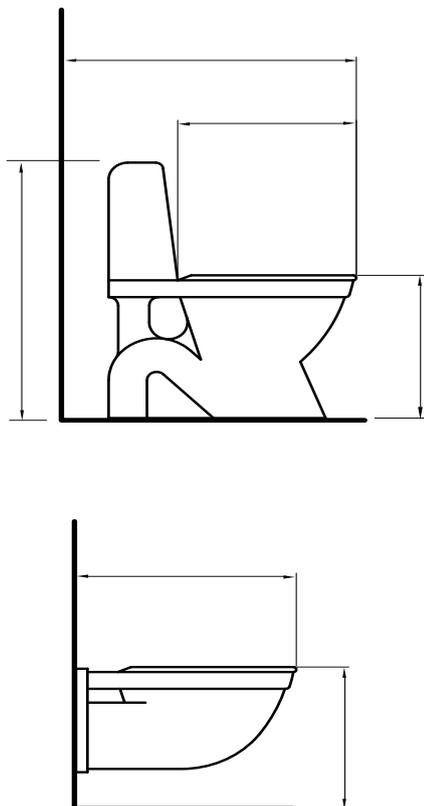


Fig. 2



WARNING

Never leave the patient unattended with an elevated footrest. If doing so the patient may use the footrest as a step when he/she wants to leave the chair and the chair and patient will fall over and seriously injure him/herself.

Toileting over a Conventional Toilet

(8 steps)

- 1 Place the *Carmina* shower and commode chair with the patient close to the toilet.

2 WARNING

Never position the patient over the toilet without first making sure the genitals of the patient will not get pinched between chair and toilet bowl.

Position the *Carmina/Carmina Basic* shower and commode chair directly over the toilet bowl using the push poles (if applicable) for leverage of small movements.

(See Fig. 1)

- 3 Apply castor brakes.
- 4 When the patient is ready, release the brakes and remove the chair from the toilet.
- 5 Apply the castor brakes again.
- 6 Clean and dry the patient.
- 7 Release the brakes.
- 8 Ready for transportation (only *Carmina* shower and commode chair).

Carmina/Carmina Basic shower and commode chair

- can be used regardless of whether the toilet is attached to the wall or to the floor.
- can be used as a seat extension for standard toilets that do not have the size or the weight capacity to support the bariatric patient.

NOTE

Preferably remove the seat of the toilet before placing the *Carmina/Carmina Basic* shower and commode chair over the bowl to get better matching. A toilet with an oblong long seat is recommended.

See the measurements on matching toilet chairs. (See Fig. 2)

Toileting by the Bedside using a Commode Container

(3 steps)

WARNING

Never insert the commode container in the holder from behind before making sure that all parts of the patient's body are cleared. If doing so the patient's genitals and skin may get pinched between the container and the holder.

- 1 Lift the seat of the chair up and insert the commode container fully in the holder. (See Fig. 3)
Lower the seat back down.
- 2 Undress the lower part of the patient.
- 3 Position the patient as far back as possible on the seat.

Alternative

It is possible to insert the commode container when the patient already is sitting in the chair. (See Fig. 4)

WARNING

Place the commode container with the sockets of the handle vertical to the seat. (See Fig. 5)

By doing so you avoid the handle from getting caught around the holder and that the container gets hard to get out of the holder.

Fig. 3

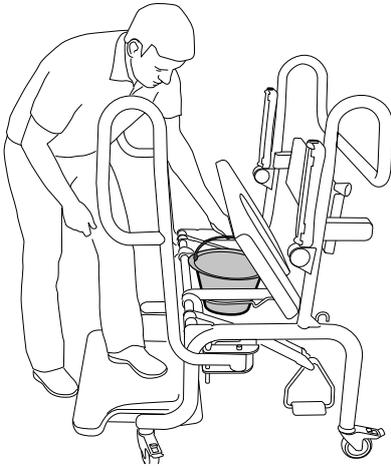


Fig. 4

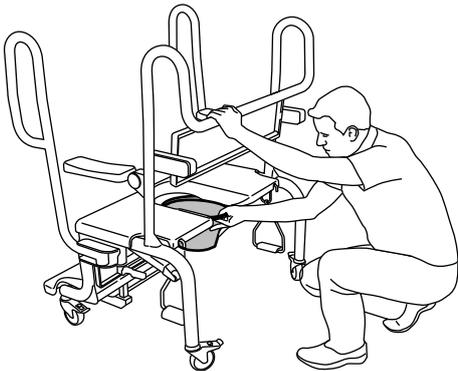
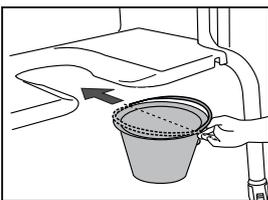
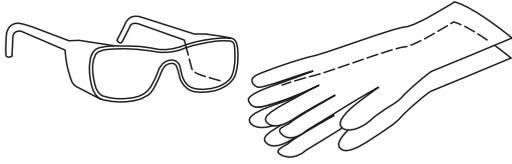


Fig. 5



Cleaning and Disinfection Instructions

WARNING



To avoid eye and skin damage, always use protective glasses and gloves. If contact occurs rinse with plenty of water. If eyes or skin becomes irritated, contact a physician. Always read the material safety data sheet of the disinfectant.

WARNING

To prevent cross-contamination, always follow the disinfection instructions in this *Instructions for Use*.

WARNING

To avoid eye or skin irritation, never disinfect in the presence of a patient.

CAUTION

Do not use phenol, citric acid or petroleum-based solvents, trichloroethylene or similar cleaning agents, as these may damage the plastic material. If a warm air drier is used, the temperature should not exceed 80 °C (176 °F).

Steam or ethylene oxide sterilization can not be used because they may damage the product.

Arjo Disinfectants

For optimal performance only use Arjo Disinfectants. If you have any questions regarding disinfecting the equipment or wish to order disinfecting fluid, please contact your Arjo Customer Service located on the inside of the last page.

The following procedure should be carried out after every use and at the end of the day.

Accessories for Cleaning and Disinfection

- Protective glasses
- Protective gloves
- Spray bottle with disinfectant or disinfection spray handle with disinfectant
- Spray bottle with water or shower handle with water
- Cloths - wet and dry
- Disposable towels
- Soft bristled brush
- Long handled soft bristled brush

Always Follow these 15 Steps for Cleaning and Disinfection.

Removing visual residue

(step 1-2 of 15)

- 1 To get full access to all parts, fold up the footrest to storage position, fold up the seat and loosen the plastic covers of the armrests.
- 2 Clean the equipment from visible residue using a cloth soaked in water or if more suitable by spraying/showering water using a brush and/or wipe with a clean cloth. Start from top and move downwards.

Cleaning

(step 3-8 of 15)

- 3 Put on protective gloves and eye wear.
- 4 Spray disinfectant on the equipment. Use a brush and scrub thoroughly, especially on handles and hand control.
- 5 Shower the equipment with water (approx. 25 °C (77 °F)) or spray with plenty of water and wipe off with a clean cloth to remove all disinfectant.
- 6 Soak a cloth in disinfectant and wipe all other areas such as chassis.
- 7 Wet a new cloth with water and remove all traces of disinfectant on other areas. The cloth should occasionally be rinsed in running water when removing disinfectant.
- 8 If disinfectant cannot be removed, spray water on the affected part and wipe off with disposable towels. Repeat until all of the disinfectant has been removed.

Disinfection

(step 9-15 of 15)

- 9 Spray with disinfectant on the equipment.
- 10 Soak a cloth in disinfectant and wipe all other areas such as chassis.
- 11 Allow a disinfection time according to the instructions on the disinfectant bottle label.
- 12 Spray or shower water (approx. 25 °C (77 °F)) and wipe with a clean cloth to remove all traces of the disinfectant. The cloth should occasionally be rinsed in running water during removal of disinfectant.
- 13 Spray or shower water (approx. 25 °C (77 °F)) and wipe with a clean cloth to remove all traces of the disinfectant on remaining areas, such as chassis. The cloth should occasionally be rinsed in running water during removal of cleaning agent.
- 14 If disinfectant cannot be removed, spray water on the affected part and wipe off with disposable towels. Repeat until all of the disinfectant has been removed.
- 15 Let all parts dry.

Care and Preventive Maintenance

The *Carmina/Carmina Basic* shower and commode chair is subject to wear and tear, and the following actions must be performed when specified to make sure that the product remains within its original manufacturing specification.

WARNING

To avoid malfunction resulting in injury, make sure to conduct regular inspections and follow the recommended maintenance schedule. In some cases due to heavy use of the product and exposure to aggressive environment more frequent inspections should be carried out. Local regulations and standards may be more stringent than the recommended maintenance schedule.

PREVENTIVE MAINTENANCE SCHEDULE *Carmina//Carmina Basic* shower and commode chair

CAREGIVER OBLIGATIONS Action/Check	Every DAY	Every WEEK
Disinfect	X	
Visually check all exposed parts		X
Visually check of mechanical attachments		X
Check and clean castors		X
Visually check the footrest release mechanism		X

WARNING

To avoid injury to both patient and caregiver, never modify the equipment or use incompatible parts.

Caregivers Obligations

Caregivers obligations shall be carried out by personnel with sufficient knowledge following the instructions in this manual.

Every day

the *Carmina* shower and commode chair has to be cleaned immediately after usage. Arjo cleaning agents should be used in **recommended concentrations**.

See section *Cleaning and Disinfection Instructions on page 24*.

Every week

(See Fig. 1)

- Visually check all exposed parts, especially where personal contact is made by either the patient or caregiver. Make sure no cracks or sharp edges have developed that could cause the patient or caregiver injury, or that have become unhygienic. Replace damaged parts (1).
- Visually check the mechanical attachments e.g bolts/screws, sockets for the holder of commode container, attachments of back rest, seat frame, pedals, footrest and push poles. Check the hinge

of the armrests and that the locking pins of the push poles works freely. Check rubber straps for seat and footrest (2).

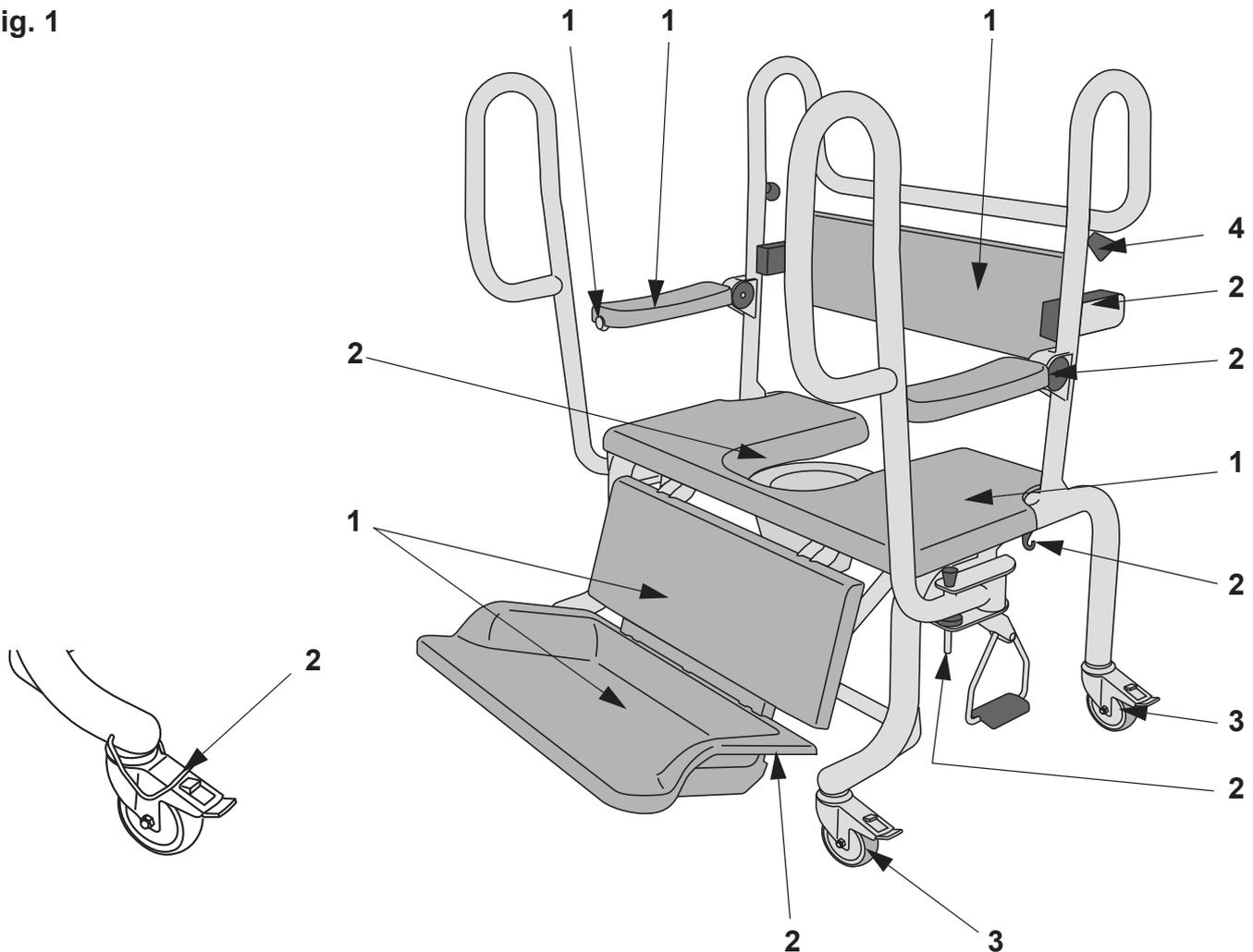
Only on *Carmina Basic* shower and commode chair: Check the attachments of the anti-swivelling device (2).

- Check that the castors are properly fixed and are rolling and swivelling freely. Clean with water (the function can be affected by soap, hair, dust and chemicals from floor cleaning). Check the brakes (3).
- Visually check the footrest release mechanism - knob, cord and locking blocks (4).

Yearly

The *Carmina* shower and commode chair must be serviced according to the section *Qualified Personnel on page 28*.

Fig. 1



Qualified Personnel

WARNING

To avoid injury and/or unsafe product, the maintenance activities must be carried out at the correct frequency by qualified personnel using correct tools, parts and knowledge of procedure. Qualified personnel must have documented training in maintenance of this device.

QUALIFIED PERSONNEL Action/Check	Every YEAR	Every 2:nd YEAR
Check that the latest upgrades have been implemented	X	
Check all vital parts for corrosion/damage	X	
Check mechanical attachments	X	
Perform a safe working load test (local requirements)	X	
Perform full feature functionality test	X	
Replace the rubber straps	X	
Replace the cord for footrest mechanism		X
Inspect castors	X	

NOTE

All checkpoints in the table *CAREGIVER OBLIGATIONS Action/Check on page 26* are to be checked when performing the checkpoints in the table *QUALIFIED PERSONNEL Action/Check on page 28*.

Troubleshooting

or

NOTE

If the product does not work as intended, immediately contact your local Arjo representative for support.

Technical Specifications

TECHNICAL DATA

Carmina shower and commode chair model BLBX000-013	
General	
SWL (Safe Working Load)	320 kg (705 lbs)
Unit Weight <i>Carmina Basic/Carmina</i>	37/75 kg (81/165 lbs)
Maximum total weight (lift + patient)	357/395 kg (785/869 lbs)
Overall width of product	960/997 mm (37 3/4 / 39 1/4 inches)
Overall depth of product	760/980 mm (29 7/8 / 38 5/8 inches)
Overall height of product	1265 mm (49 3/4 inches)
Chassis, clearance for lift legs	155 mm (6 1/8 inches)
Chassis, width between legs	793 mm (31 1/4 inches)
Chassis, clearance for toilet (with commode container holder)	480 mm (18 7/8 inches)
Seat height (Distance from floor to top of the seat / distance from top of footrest to top of seat)	530/465 mm (20 7/8 / 18 1/4 inches)
Distance between seat and back rest	210 mm (8 1/4 inches)
Distance between seat and upper side of armrest	270 mm (10 5/8 inches)
Distance between seat and lower side of armrest	230 mm (9 inches)
Seat Depths (4 positions)	420-525 mm (16 1/2 - 20 5/8 inches)
Seat Width	915 mm (36 inches)
Low friction castors	
Turning diameter	1300 mm(51 1/8 inches)
Colour	Blue/Grey
Ambient temperature range	+10 °C - +40 °C (+50 °F - + 104 °F)
Water temperature range	+10 °C - +40 °C (+50 °F - + 104 °F)
Relative humidity range	20% - 100%
Atmospheric pressure	Unessential
Operating force brakes	<300 N

Allowed Combinations

Carmina shower and commode chair integrates with the following Arjo products: *Maxi Sky 1000, Maxi Sky 600, Tenor, and MaxiMove.*

No other combinations are allowed

Transport and Storage

Ambient temperature range	-10 °C to +70 °C (+14 °F to +158 °F)
Relative humidity range	20% to 80% including condensation
Atmospheric pressure range	500 hPa to 1060 hPa

Recycling

Package Wood and corrugated cardboard, recyclable

End of Life Disposal

- Slings including stiffeners/stabilizers, padding material, any other textiles or polymers or plastic materials etc. should be sorted as combustible waste.
- Components that are primarily made up of different kinds of metal (containing more than 90% metal by weight) for example sling bars, rails, upright supports, etc., should be recycled as metals.

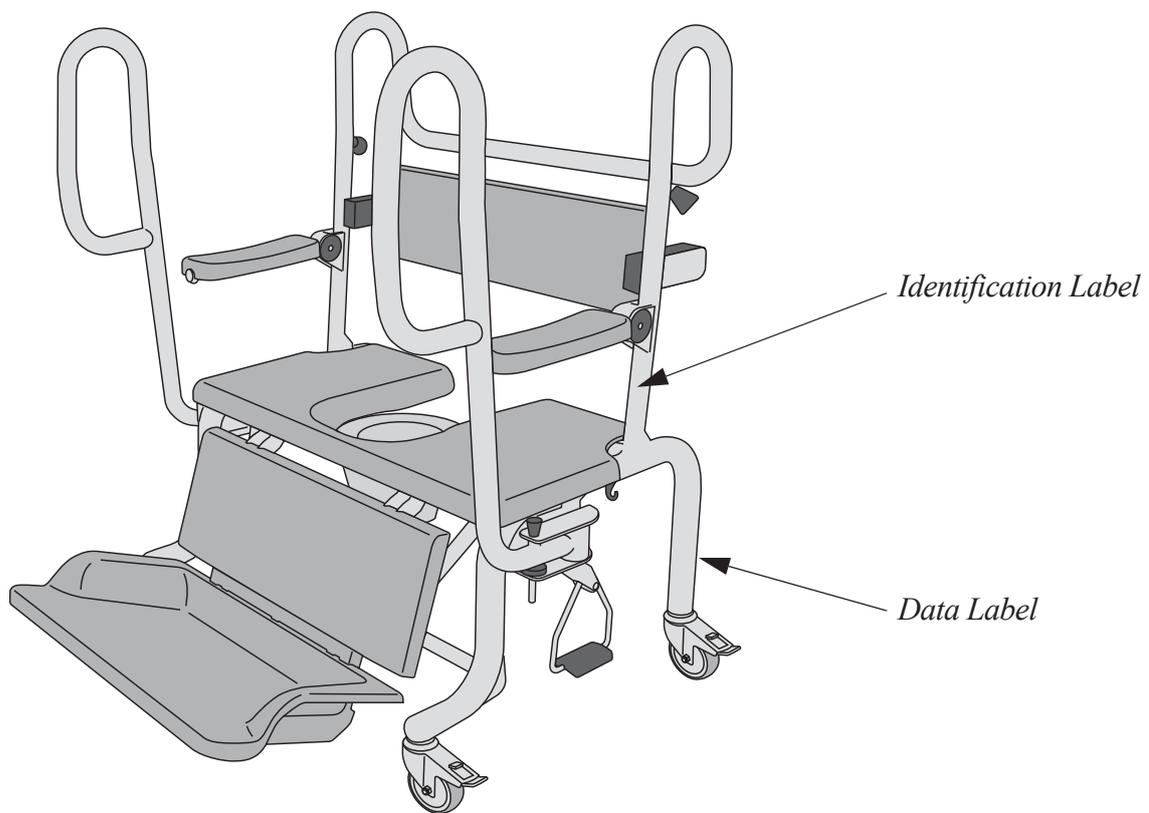
Labels

Label explanation

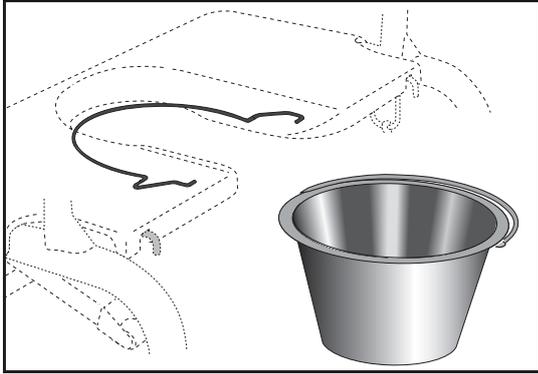
Data Label	States technical performance and requirements, e.g. Input Power, Input Voltage and maximum Patient Weight etc.
Identification Label	States the product identification, serial number and year and month of manufacturing.

Symbol explanation

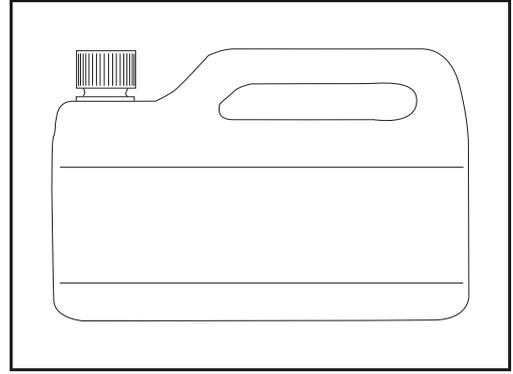
SWL	Safe Working Load
	Read <i>IFU</i> before use
	CE marking indicating conformity with European Community harmonised legislation
	Indicates the product is a Medical Device according to EU Medical Device Regulation 2017/745
	Name and address of the manufacturer
	Manufacturing date



Parts and Accessories



Commode container with lid and holder
BLC0010 Holder
BLC0020 Container



For disinfectant contact the Arjo local representative